

Title (en)
CARDIOPLEGIA OCCLUDER

Title (de)
OKKLUSIONSVORRICHTUNG FÜR DIE KARDIOPLEGIE

Title (fr)
DISPOSITIF D'OCCLUSION POUR CARDIOPLEGIE

Publication
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Application
EP 98963222 A 19981216

Priority
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Abstract (en)
[origin: WO9930766A1] A cardioplegia occludent (1), and methods of using the device during cardiac surgery are disclosed. The cardioplegia occludent (1) typically includes a substantially rigid cannula (10) with an occludent (20) mounted on the distal region (2) of the cannula (10) that expands upon activation to occlude the aorta (41) downstream of an infusion port (5) which delivers cardioplegia solution to arrest the heart. Systems including cutting blades (30), blade guards (33), flanges (100), radiopaque markers (220), and occludent aligner (401, 408) are also disclosed. In use the distal end (16) of the cannula (10) is inserted through an incision into the aorta (41), the occludent (20) is expanded, and cardioplegia solution is infused upstream of the aorta (41) to arrest the heart. The infusion port (5) can alternately be used to aspirate cardioplegia or embolic debris or other unwanted material from the aorta (41).

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